



JC923 U.S. PTO

Please type a plus sign (+) inside this box PTO/SB/05 (11-00)
Approved for use through 10/31/2002 OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non provisional applications under 37 CFR 1.53(b))

Attorney Docket No. N.C. 83,180

First Inventor NICHOLS

Title AUTOMATIC GAIN CONTROL FOR DIGITIZED RF SIGNAL

Express Mail Label No.



10/07/03

02/19/02

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 10]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table,
 or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S. C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Pages 1]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional) with Box 18 completed
- 1 **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
 named in the prior application, see 37 CFR
 1.63(d)(2) and 1.33(b)
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 i. CD-ROM or CD-R (2 copies); or
 ii. paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of
(when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122
(b)(2)(13)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____

Prior application information

Examiner _____

Group Art Unit. _____

For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion of the disclosure is omitted from the submitted application parts.

19. **Correspondence ADDRESS** Customer Number or Bar Code Label(Insert Customer No. or Bar code label here) **26384**or Correspondence address below

Name	Naval Research Laboratory, Code 1008.2				
Address	4555 Overlook Ave., S.W., Code 1008.2				
City	Washington	State	DC	Zip Code	20375-5320
Country	US	Telephone	202-404-1552	Fax	202-404-7380

Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182
Signature			
	Date 2/15/02		

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FEE TRANSMITTAL for FY 2002

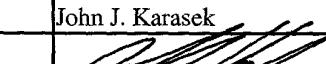
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 914)

Complete if Known

Application Number	NOT YET ASSIGNED
Filing Date	
First Named Inventor	NICHOLS
Examiner Name	NOT YET ASSIGNED
Group Art Unit	NOT YET ASSIGNED
Attorney Docket No.	83,180

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																	
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to Deposit Account Number 50-0281 Deposit Account Name Naval Research Laboratory <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status, See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Fee Code (\$)</td> <td>Fee Code (\$)</td> <td>Fee Description</td> <td></td> </tr> <tr> <td>105 130 205 65</td> <td></td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127 50 227 25</td> <td></td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139 130 139 130</td> <td></td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147 2,520 147 2,520</td> <td></td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>112 920* 112 920*</td> <td></td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113 1,840* 113 1,840*</td> <td></td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115 110 215 55</td> <td></td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116 400 216 200</td> <td></td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117 920 217 460</td> <td></td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118 1,440 218 720</td> <td></td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128 1,960 228 980</td> <td></td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119 320 219 160</td> <td></td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120 320 220 160</td> <td></td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121 280 221 140</td> <td></td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138 1,510 138 1,510</td> <td></td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140 110 240 55</td> <td></td> <td>Petition to revive - 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2. EXTRA CLAIM FEES Total Claims 25 -20- = 5 X 18 = 90 Independent Claims 4 - 3" = 1 X 84 = 84 Multiple Dependent		Extra Claims Fee from below Fee Paid 90 84 =																																																																																																																																	
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**or number previously paid, if greater, For Reissues, see above																																																																																																																																			

SUBMITTED BY		Complete if applicable	
Name (Print/Type)	John J. Karasek	Registration No (Attorney/Agent)	36,182
Signature		Telephone	202-404-1552
		Date	2/15/02

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PATENT APPLICATION
Navy Case No. 83,180

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION FOR LETTERS PATENT

TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT Gregory M. Nichols of Alexandria, VA, who is a citizen of the United States of America, has invented certain new and useful improvements in "**AUTOMATIC GAIN CONTROL FOR DIGITIZED RF SIGNAL PROCESSING**" of which the following is a specification:

Please Contact Preparer:

L. George Legg
Reg. No. 34,208
Tel: 202-404-1559